



Name : Nishat-1

Year of Release : 2000



Parentage	:	Selection from cross Oskash x World Beater, pedigree 8625-2-8-5-2
Breeding Methodology adopted	:	Selection from local germplasm
Maturity	:	Early (70 days)
Fruit Type	:	Pendent to intermediate, medium size, dark green 3-4 lobed blocky with thick flesh, on ripening fruits becomes yellow.
Seed Type	:	--
Biotic Stress	:	<ul style="list-style-type: none"> Moderately resistant to Cucumber Mosaic Virus (CMV), blight, fruit rot and wilt under field conditions No incidence of insects like fruit borer and aphids
Abiotic Stress	:	<ul style="list-style-type: none"> Resistant to abiotic stresses like cold, and lodging
Recommended regions	:	<ul style="list-style-type: none"> Recommended for growing during summer months under irrigated ecology in temperate regions of the state. It also grows well under protected conditions
Areas of adoption	:	Temperate regions of Kashmir
Special attributes	:	Vitamin C(74.03 mg/100 g), high in total chlorophyll (6.70 mg/g), greater dry matter percentage (9.82 %), high TSS(4.95 %)
Average yield	:	18.42 t/ha
Seed Rate	:	0.3-0.4 kg/ha
Recommended Fertilizer Dosage	:	120:90:60 N:P:K kg/ha + 20t FYM /ha
Precautions to be followed	:	As per recommended package
Principal Breeder	:	Dr. Nazeer Ahmed
Adoption Level	:	70-80%

